

- Tall oat-grass (*Arrhenatherum avenaceum*) RR (i, h).  
 Tarweed (*Bartsia viscosa*) VR (e, c).  
 Thompson's bent-grass (*Triodia Thompsoni*) RR (h, e, d, h).  
 Timothy (*Phleum pratense*) VC (i, h).  
 Toad-flax (*Linaria vulgaris*) VR (j, d, f, s, h).  
 Toad-rush (*Juncus bufonius*) RC (g, p, d, h).  
 Toothed burr-clover (*Medicago denticulata*) R (g, c, v).  
 Treacle-mustard (*Erysimum cheiranthoides*) RR (j, g, f, d, h).  
 Tufted hair-grass (*Aira caespitosa*) C (g, d, h).  
 Tutsan (*Hypericum Androsaemum*) ER (g, c).  
 Twitch (*Agropyron repens*) VR (e, f, s).  
 Veronica (*Veronica* spp.) RC (f, d, h).  
 Vervain (*Verbena officinalis*) RR (g, d, h).  
 Vetch (*Vicia sativa*) RC (g, f, d, h).  
 Vipers bugloss (*Echium vulgare*) VR (g, e, t, h).  
 Virginian cress (*Lepidium virginicum*) RC (j, d, h).  
 Wart-cress (*Senebiera didyma*) VR (g, f, s, h).  
 Western Wolths rye-grass (*Lolium westwolicum*) (i, h).  
 Wheat (*Triticum vulgare*) RR (i, h).  
 White clover (*Trifolium repens*) VC (i, h).  
 White mustard (*Brassica alba*) RR (i, h).  
 Wild carrot (*Daucus carota*) RC (g, f, d, h).  
 Wild beaked parsley (*Anthriscus silvestris*) RR (j, g, d, h).  
 Wild lettuce (*Lactuca* spp.) VR (g, d, h).  
 Wild melilot (*Melilotus arvensis*) RC (g, d, h).  
 Wild mignonette (*Reseda luteola*) R (j, g, d, h).  
 Wild oat (*Avena fatua*) RR (f, s, h).  
 Wild turnip (*Brassica campestris*) RC (f, s, h).  
 Winged thistle (*Carduus pycnocephalus*) RR (e, c).  
 Wireweed (*Polygonum aviculare*) C (g, f, c).  
 Witch-grass (*Panicum capillare*) RR (f, d, h).  
 Wood meadow-grass (*Poa nemoralis*) R (i, h).  
 Woolly-headed thistle (*Carduus eriophorus*) ER (e, g, c).  
 Woolly mullein (*Verbascum Thapsus*) VR (g, e, d).  
 Woundwort (*Stachys arvensis*) R (f, d, h).  
 Yarrow (*Achillea millefolium*) VC (e, s, h, u).  
 Yellow star-thistle (*Centaurea solstitialis*) R (e, d, h).  
 Yorkshire fog (*Holcus lanatus*) EC (g, e, c, p, u).

## HEREDITARY TRANSMISSION OF EARMARKS.

A REMARKABLE case of transmission of earmarks by a bull to his progeny is reported by Mr. W. B. Hingston, Inspector of Stock, Gisborne. The animal in question, a purebred Jersey, was calved at Ruakura in 1911, and was earmarked with "tip off right ear." His progeny has been born marked as follows: Eight heifers (now two-year-olds) with tip off both ears, two heifers (now yearlings) with tip off right ear only, a calf (this season) with tip off both ears, and another calf whose ears are shown in the photograph on the opposite page. In this case, however, as will be noticed, the marks are in the nature of what is known as a "fork." The bull is owned by Mr. James Haskins, of Manutuke, near Gisborne.